

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

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**Device Specifications:**

Device Type: Video Projector  
Manufacturer: Sharp  
Firmware Version: N/A  
Model(s): XG-C40XUS, XG-C40XU

**Version History:**

Driver Version	Date	IP Link Compiler	GC Version	Notes
5	10/24/2010	1.4.0	3.0.4	Extron Certified version. Added Signal Status command. Tested on XG-C40XU. Added MLC62 support.
3	2/10/2005	1.0.9.3	N/A	Added Query Enable command. Tested with Sharp XG-NV6XU.
2	10/11/2004	1.0.9.3	N/A	Code improvements made for future compatibility. Lamp time query interval reduced to 20 minutes.
1	8/26/2004	1.0.9.3	N/A	Initial version. Tested on Sharp XG-P25X.

**Driver Notes:**

- Query Enable command is used to provide flexibility for polling due to issues with the device.
- Default state for Query Enable command is On.

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**Control Commands & States:**

<b>Audio Mute</b>	On	Off
<b>Auto Image<sup>1</sup></b>	Execute	
<b>Freeze</b>	On	Off
<b>Input</b>	RGB 1 Video	RGB 2 S- Video
<b>Power Control</b>	On	Off
<b>Query Enable</b>	Enable	Disable
<b>Video Mute</b>	On	Off
<b>Volume (Discrete)</b>	0 to 60 in steps of 1	

1. Only works with RGB signal

# IP Link<sup>™</sup> Device Interface Communication Sheet

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**Status Available:**

<b>Audio Mute</b>	On	Off	
<b>Connection Status</b>	Connected	Disconnected	
<b>Device Status</b>	Normal	Fan Error	Filter Cover Error
	Lamp Burnt-out	Lamp Life 5% or Less	Lamp Not Lit
	Temp Abnormally High	Temp High	Status Unavailable
<b>Freeze</b>	On	Off	
<b>Input</b>	RGB 1	RGB 2	S- Video
	Video		
<b>Lamp Status</b>	On	Off	Waiting
	Retry	Lamp Error	Status Unavailable
<b>Lamp Usage</b>	Hours		
<b>Power Control</b>	On	Off	
<b>Power Status</b>	On	Off	Status Unavailable
	Warming up	Cooling Down	
<b>Query Enable</b>	Enable	Disable	
<b>Signal Status</b>	Signal Present	No signal present	Status Unavailable
<b>Video Mute</b>	On	Off	
<b>Volume (Discrete)</b>	0 to 60 in steps of 1		

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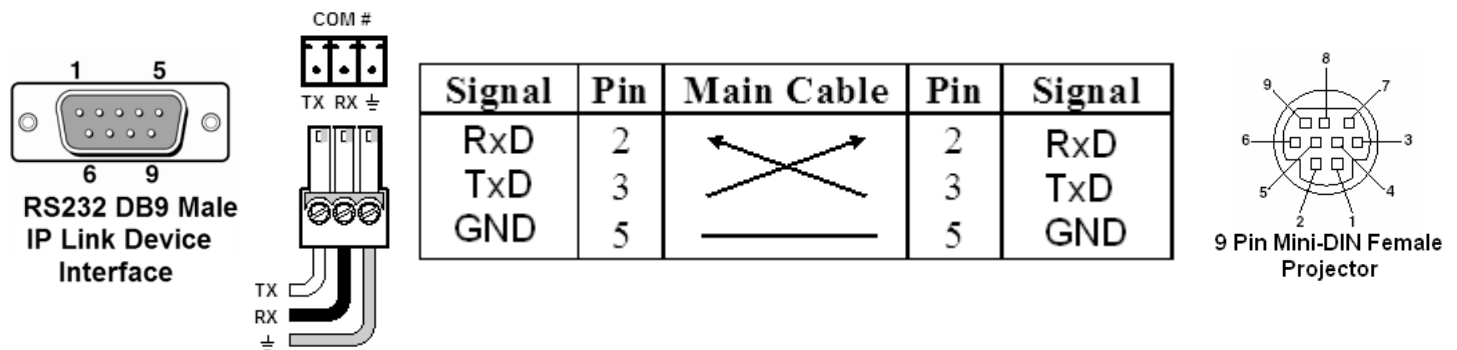
***MLC62 Supported Commands:***

<b>Audio Mute</b>	On	Off
<b>Auto Image</b>	Execute	
<b>Freeze</b>	On	Off
<b>Input</b>	RGB 1	RGB 2                      S- Video
	Video	
<b>Power Control</b>	On	Off
<b>Video Mute</b>	On	Off
<b>Volume (Discrete)</b>	0 to 60 in steps of 1	

**Cable and Adapter Requirements:**

M/F RS-232 null modem serial cable

9 Pin Mini DIN D-Sub RS232 Adapter available from Sharp (P/N QCNWGA015WJPZ)

**Notes for the Device:****Serial communication:****Port Type:** RS232**Baud Rate:** 9600**Data Bits:** 8**Parity:** None**Stop Bits:** 1**Flow Control:** None**Pin Assignments Diagram:**

Note: Captive screw connector may also be used as a serial connection.

**General Notes:**

N/A